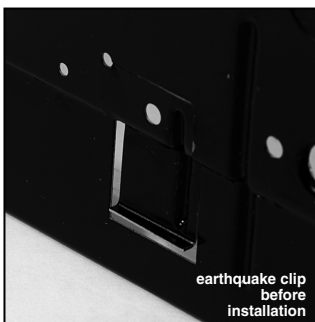
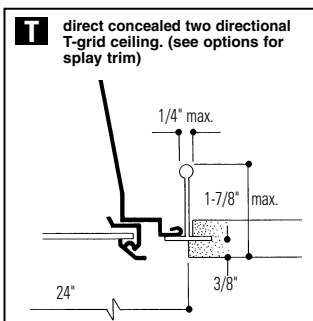
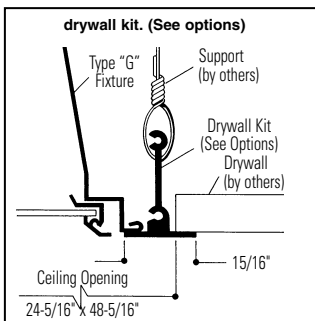
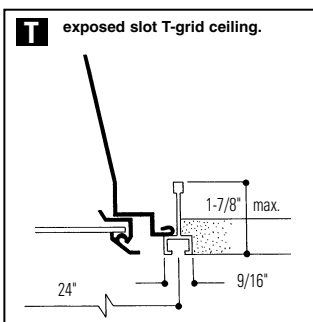
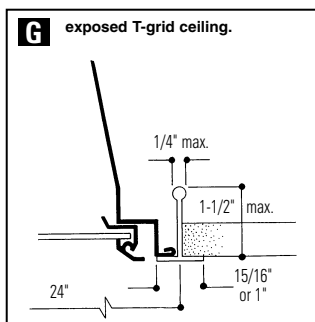
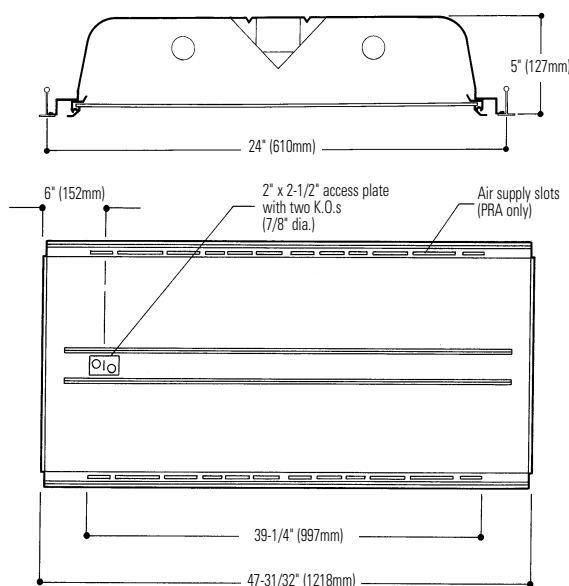


**Features**

- 5" deep body.
- 2-9/16" lamp to lens for better lamp obscuration.
- 77.9% efficient.
- Black housing exterior for cooler ballast operating temperature.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing has ribbed construction for added strength.
- Hemmed over side rails for maximum safety.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Door jamb finished black on four sides for positive light stop.
- True mitered corner aluminum lens frame.
- Spring loaded rooster head latches.
- 18 gauge steel hinges.

**MOUNTING METHODS****DIMENSIONS****Job Information****Type:****Job Name:****Cat. No.:****Lamp(s):****Volts/Ballast:**

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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Section 1A/Folio E20-40

**LIGHTOLIER**

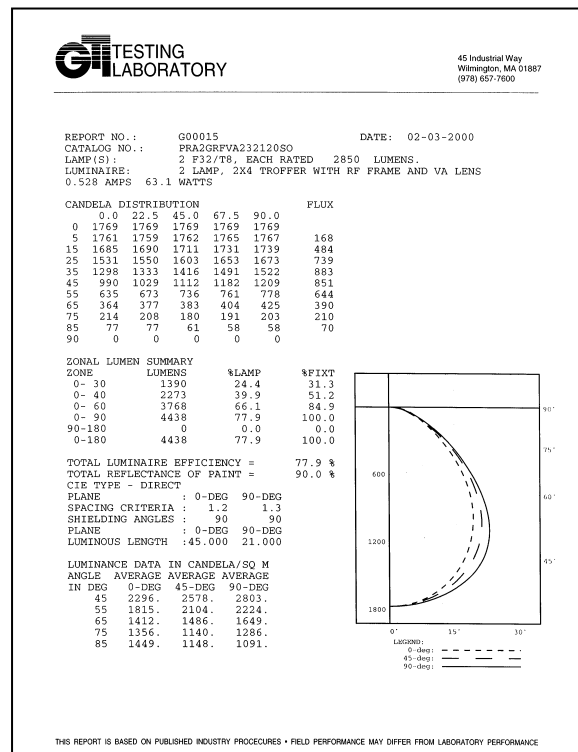


# PRISMALYTE *plus* PRA2GRFVA232

Page 2 of 2

2'x4' RECESSED FLUORESCENT, FLOATING LENS FRAME WITH BLACK REVEAL  
STATIC OR AIR SUPPLY/RETURN, 2 LAMP, T8 OR T12

## PHOTOMETRY



MODEL NO. PRA2GRFVA232

Luminaire Efficacy Rating  
LER-61.2 Watts-63.1 BF-0.87

coefficients of utilization — zonal cavity method (effective floor cavity reflectance 0.20)

	20		20		20	
	RF	RC	RF	RC	RF	RC
RW	70	50	30	50	10	50
1	85	82	79	77	75	73
2	78	72	67	68	64	61
3	72	64	58	61	56	52
4	66	57	51	54	49	45
5	61	51	45	49	43	39
6	56	47	40	44	39	35
7	52	42	36	41	35	31
8	49	39	32	37	32	28
9	46	36	29	34	29	25
10	43	33	27	32	26	23

visual comfort probability (rated lumens per lamp 3150.)

room size		ceiling height				ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	66	70	77	84	65	68	74	81
20	30	60	64	69	75	60	63	66	72
20	40	56	59	64	69	58	60	63	66
20	60	53	56	59	64	56	58	60	62
30	20	68	72	76	82	67	70	74	80
30	30	61	64	68	73	62	64	66	71
30	40	57	60	63	67	59	61	62	65
30	60	53	56	58	62	57	58	59	61
30	80	52	54	55	59	56	58	57	59
40	20	70	73	77	82	69	72	75	80
40	30	63	66	69	73	64	66	67	71
40	40	58	61	63	67	60	62	63	65
40	60	54	56	58	61	58	59	59	61
40	80	52	54	54	58	57	58	57	59
40	100	52	53	53	55	57	58	56	57
60	30	64	67	70	74	65	67	69	72
60	40	60	62	64	67	61	63	64	66
60	60	55	57	58	61	59	60	59	61
60	80	53	54	54	57	57	58	57	59
60	100	53	53	52	55	57	58	56	57
100	40	63	65	66	69	64	66	66	68
100	60	59	60	60	63	61	62	61	63
100	80	56	57	56	59	60	60	59	60
100	100	55	55	54	56	59	59	57	58

## ORDERING INFORMATION

Explanation of Catalog Number. Example: PRA2GRFVA232120SORF

<b>PR</b>		<b>2</b>		<b>RF</b>	<b>VA</b>	<b>2</b>				
<b>PRISMALYTE plus:</b> Floating Lens Frame Recessed Fluorescent Troffer	<b>BODY STYLE:</b> <b>A</b> =Air Handling <b>S</b> =Static		<b>CEILING TYPE:</b> <b>G</b> = Grid (lay-in T bar) <b>T</b> =Slot grid or two-directional concealed T see options)	<b>LENS/SHIELDING TYPE:</b> <b>VA</b> =Virgin acrylic (standard), see options and consult factory	<b>LENS FRAME:</b> <b>RF</b> =1/2" regressed floating aluminum frame with 7/16" black reveal four sides.	<b>LAMP QUANTITY</b>	<b>LAMP TYPE/ FIXTURE LENGTH:</b> <b>32</b> =T8 <b>34</b> =T12 (Nominal 48")	<b>VOLTAGE:</b> 120 or 277	<b>BALLAST TYPE:</b> <b>LE</b> 1-2 Lamp Mag. T12 <b>1-2</b> Lamp Elec. T8 LOL T8 Dimming *Instant Start Standard  Other dimming options. Consult factory.	<b>OPTIONS:</b> Add appropriate suffix to catalog no. ie: (RF)  <b>&lt;20THD</b> <b>SO*</b> <b>PS</b>  <b>&lt;10THD</b> <b>HI*</b> —
	<b>FIXTURE WIDTH</b>									

## OPTIONS & ACCESSORIES

**SPECIAL LENSES:** Substitute VB for VA (standard) = .125" nominal pattern 12 with 7.8 oz. average weight per square foot. Substitute VI for VA (standard) = .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

**SPLAY TRIM:** For T ceiling type only. SUFFIX: CTZ14 S2 SPLAY TRIM.

**AIR CLOSURE STRIP:** SUFFIX ACS4 (factory installed).

**RADIO INTERFERENCE FILTER:** 120 or 277 volt, 50 or 60 Hz. One per fixture standard. SUFFIX: RF.

**ELECTRICAL WIRING OPTIONS:** Consult factory.

**DRYWALL KIT:** Order Catalog Number: FK92X4.

Request Folio OA30-10.

**CHICAGO PLENUM:** SUFFIX: CP.

## SPECIFICATIONS

**PERFORMANCE:** In an installation of 2 lamp 32W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .82. To prevent glare the VCP shall be not less than 55 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 1649 candelas per square meter. To control veiling reflections, luminaire output in the 30° - 90° zone shall not be less than 68.7%.

**AIR HANDLING:** (PRA only) side air passages for air supply or air return. Supply air is discharged vertically. Optional side closure strips. Air return is also provided

*SPECIFICATIONS (continued)*

through the lamp compartment through fixture body ends.

**MATERIALS:** Chassis parts are die-formed code gauge cold rolled steel. Housing with side rails hemmed over and housing ends turned-in for safe handling.

**FINISH:** Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.

**LENSES:** VA (standard) extruded virgin acrylic, 3/16" square based female cones, running 45° to the panel edge, .095" nominal thickness (similar to pattern 12). VB (optional) .125" nominal pattern 12 with 7.8 oz. average weight per square foot. VI (optional) .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

**ELECTRICAL:** Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

**LABELS:** I.B.E.W./UL and C-UL.

Job Information	Type:
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